

## MEMORANDUM

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DATE: October 3, 1991

SUBJECT: Review of Fish Sampling Analytical Techniques,  
Olin Chemicals/McIntosh Plant Site, McIntosh, Alabama

FROM: Julie W. Keller *JWKeller*  
Toxicologist

TO: Cheryl Smith  
Remedial Project Manager

THROUGH: Elmer Akin *EAK*  
Health Assessment Officer

Per your request, I have reviewed the Fish Sampling Analytical Techniques for the Olin Chemicals/McIntosh Plant Site.

The sediment sampling results presented in this document do not include analysis for metals or cyanide. The purpose of collecting sediment data was to determine the appropriate indicator parameters for future sampling. All metals except mercury have been eliminated without sampling. What is the rationale for this omission? Also, this document should detail why pentachlorobenzene, pentachloronitrobenzene, Endosulfan I, and delta-BHC have been eliminated from the analytical parameters selected for the fish analyses. It is unclear why the data from the sediments were not validated before the indicator parameters were selected.

Section 1.0, paragraph 3, states that the revised Sampling and Analysis Plan was submitted on May 5, 1991. This document was submitted on September 5, 1991.

If I can be of further assistance or if you have any questions please contact me at x1586.

cc: Lynn Wellman